

MINUTE ITEM

24. CONSIDERATION OF SUBSIDENCE COST PROJECTS, LONG BEACH - L.B.W.O.s 10,083, 10,084, 10,085, 10,086, 10,088, 10,089, 10,090, 10,091, 10,093, 10,094, 10,095.

After presentation of Calendar Item 35 attached, and upon motion duly made and unanimously carried, the following resolution was adopted:

THE COMMISSION APPROVES SUCH COSTS PROPOSED TO BE EXPENDED BY THE CITY OF LONG BEACH, INCLUDING SUBSIDENCE REMEDIAL WORK, UNDER PROJECTS AS INDICATED ON EXHIBIT "A" ATTACHED AND HEREBY MADE A PART HEREOF, FOR THE FISCAL YEAR JULY 1, 1959 TO JUNE 30, 1960; SUBJECT TO THE CONDITIONS, HOWEVER, THAT THE AMOUNTS, IF ANY, OF EACH OF THE ITEMS TO BE ALLOWED ULTIMATELY AS SUBSIDENCE COSTS, DEDUCTIBLE UNDER SECTION 5(a) OF CHAPTER 29, STATUTES OF 1956, 1ST E.S., WILL BE DETERMINED BY THE COMMISSION UPON AN ENGINEERING REVIEW AND FINAL AUDIT SUBSEQUENT TO THE TIME WHEN THE WORK UNDER ANY OF THESE ITEMS IS COMPLETED; THAT THE WORK CONFORM IN ESSENTIAL DETAILS TO THE PLANS AND BACKGROUND MATERIAL AS HERETOFORE SUBMITTED TO THE COMMISSION; AND THAT THE EXECUTIVE OFFICER, THE ASSISTANT EXECUTIVE OFFICER, OR THE SUPERVISING MINERAL RESOURCES ENGINEER ARE AUTHORIZED TO EXECUTE APPROPRIATE WRITTEN INSTRUMENTS REFLECTING THE COMMISSION'S CONDITIONAL APPROVAL.

Attachment

Calendar Item 35 (12 pages)

CALENDAR ITEM

35.

CONSIDERATION OF SUBSIDENCE COST PROJECTS, LONG BEACH - L.B.W.O.s 10,083, 10,084, 10,085, 10,086, 10,088, 10,089, 10,090, 10,091, 10,093, 10,094, 10,095.

As reported to the Commission July 24, 1956 (Minute Item 1, pages 2750-51), Opinion No. 56/145 of June 29, 1956 by the Attorney General indicates that prior approval of the State Lands Commission is required for costs to be expended by the City of Long Beach to remedy and protect against the effects of subsidence of the land surface within the boundaries of the Long Beach Harbor District and within the boundaries of the Long Beach Tidelands situated outside of said Harbor District. The office of the Attorney General has also advised that the Commission may make a conditional prior approval of projects involving subsidence cost expenditures, subject to final approval of allowances after work has been completed and an engineering review and audit have been made, thus qualifying the ultimate audited expenditures for credit in accordance with Chapter 29 or the Statutes of 1956, 1st E.S.

The Commission has heretofore approved the costs to be expended by the Harbor Department of the City of Long Beach, including subsidence remedial work, for the 1957-58 Fiscal Year under nine projects on June 13, 1957 (Minute Item 20, pages 3221-32), under four projects on July 15, 1957 (Minute Item 26, pages 3354-60), and under eleven projects on June 11, 1958 (Minute Item 21, pages 4107-4119), for costs to be expended in the 1958-59 Fiscal Year.

In order to obtain prior approval of subsidence costs for continuing work and new work within the Harbor District for the coming 1959-60 Fiscal Year, the City of Long Beach, through the Port of Long Beach, has presented for consideration and conditional approval eleven projects to remedy and protect against the effects of subsidence of the land surface within the Long Beach Harbor District during the 1959-60 Fiscal Year. The projects have received initial staff review, and are considered to include some "subsidence costs" as defined in Section 1(f) of Chapter 29, Statutes of 1956, 1st E.S., but not necessarily all of those costs as estimated by the Port of Long Beach.

IT IS RECOMMENDED THAT THE COMMISSION APPROVE SUCH COSTS PROPOSED TO BE EXPENDED BY THE CITY OF LONG BEACH, INCLUDING SUBSIDENCE REMEDIAL WORK, UNDER PROJECTS AS INDICATED ON EXHIBIT "A" ATTACHED AND HEREBY MADE A PART HEREOF, FOR THE FISCAL YEAR JULY 1, 1959 TO JUNE 30, 1960; SUBJECT TO THE CONDITIONS, HOWEVER, THAT THE AMOUNTS, IF ANY, OF EACH OF THE ITEMS TO BE ALLOWED ULTIMATELY AS SUBSIDENCE COSTS, DEDUCTIBLE UNDER SECTION 5(a) OF CHAPTER 29, STATUTES OF 1956, 1ST E.S., WILL BE DETERMINED BY THE COMMISSION UPON AN ENGINEERING REVIEW AND FINAL AUDIT SUBSEQUENT TO THE TIME WHEN THE WORK UNDER ANY OF THESE ITEMS IS COMPLETED; THAT THE WORK CONFORM IN ESSENTIAL DETAILS TO THE PLANS AND BACKGROUND MATERIAL AS HERETOFORE SUBMITTED TO THE COMMISSION; AND THAT THE EXECUTIVE OFFICER, THE ASSISTANT EXECUTIVE OFFICER, OR THE SUPERVISING MINERAL RESOURCES ENGINEER BE AUTHORIZED TO EXECUTE APPROPRIATE WRITTEN INSTRUMENTS REFLECTING THE COMMISSION'S CONDITIONAL APPROVAL.

Attachments

Exhibit "A" (11 pages)

4970

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,083 - Project and Estimates Submitted by the Port of Long Beach - PIER A.

<u>ITEM</u>	<u>AFE</u>	<u>WORK PROPOSED</u>	ESTIMATED PROJECT EXPENDITURE JULY 1, 1959 TO JUNE 30, 1960	ESTIMATED SUBSIDENCE COSTS
1	37	Pier A, Berths 1 & 2, Transit Shed and Back Area Raising ("2nd Phase")	\$ 1,586,500	\$ 1,507,175 (95%)
2	38	Pier A, Berths 1 & 2, Wharf Raising ("2nd Phase")	1,004,900	612,989 (61%)
3	264	Pier A, Panorama Drive-Windham Ave. to Pierpoint ("1st Phase")	40,000	13,200 (33%)
4	270	Pier A, New Administration Building ("2nd Phase")	2,221,200	188,802 (8.5%)
5	335	Pier A, East-Street System (fill only) ("2nd Phase")	122,600	122,600 (100%)
6	338	Pier A, Berths 3 & 4, Wharf Reconstruction, Transit Shed Raising and Rehabilitation and Back Area Raising. ("1st Phase")	256,000	256,000 (100%)
7	344	Pier A, Berth 5, Wharf Reconstruction Transit Shed Raising and Rehabilitation and Back Area Raising ("1st Phase")	203,500	203,500 (100%)
8	*	Berth 11, Redevelopment ("1st Phase")	20,000	20,000 (100%)
9	275	Pier A, Berths 6 & 7, Transit Shed and Wharf Remedial Work ("2nd Phase")	250,600	250,600 (100%)
10	292	Pier A, Berths 208-211, Wharf ("1st Phase")	86,800	13,020 (15%)
TOTALS			\$ 5,792,100	\$ 3,187,886

* - AFE not yet assigned

NOTE:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans and/or other adequate description. (Typical "1st Phase" costs are engineering design, contract administration and advertising, preparation of site by Harbor Department forces.) For work within the same approved time period any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans, and/or other data sufficient to guide construction operations.

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,084 - Project and Estimates Submitted by the
Port of Long Beach - PIER B.

<u>ITEM</u>	<u>AFE</u>	<u>WORK PROPOSED</u>	<u>LBHD ESTIMATED TOTAL PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960</u>	<u>ESTIMATED SUBSIDENCE COSTS</u>
1	322	Pier B, Redevelopment ("2nd Phase")	\$1,511,000	\$181,320 (12%)

Note:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans and/or other adequate description. (Typical "1st Phase" costs are engineering design, contract administration and advertising, preparation of site by Harbor Department forces.) For work within the same approved time period any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans, and/or other data sufficient to guide construction operations.

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,085 - Projects and Estimates Submitted by the
Port of Long Beach, PIER "2".

<u>ITEM</u>	<u>AFE</u>	<u>WORK PROPOSED</u>	<u>LBHD ESTIMATED TOTAL PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960</u>	<u>ESTIMATED SUBSIDENCE COSTS</u>
1	271	Pier 2 - Berths 52-55 Corrosion Mitigation, Bulkheading and Back Area Raising ("2nd Phase")	\$ 254,300	\$137,322 (54%)

Note:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans and/or other adequate description. (Typical "1st Phase" costs are engineering design, contract administration and advertising, preparation of site by Harbor Department forces.) For work within the same approved time period any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans, and/or other data sufficient to guide construction operations.

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,086 - Project and Estimates Submitted by the Port of Long Beach, ROADS & STREETS.

<u>ITEM</u>	<u>AFE</u>	<u>WORK PROPOSED</u>	ESTIMATED PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960	ESTIMATED SUBSIDENCE COST
1	200	Area 2 Property Purchase (Parcel Numbers 6, 10, 12, 15, 16, 18, 20, 21, 25 and 33 as shown in Long Beach Harbor Department letter dated May 20, 1959.)	\$ 841,000	*
2	200	Pico Avenue Service Road ("1st Phase")	2,500,000	\$ 675,000 (27%)
3	336	Ocean Boulevard Approach to Pontoon Bridge ("2nd Phase")	133,500	133,500 (100%)
4	346	Mitchell Avenue Roadway ("1st Phase")	16,000	16,000 (100%)
5	346	Mitchell Avenue Railroad Tracks ("2nd Phase")	71,700	71,700 (100%)
6	339	Railroad Approach to Kaiser Gypsum Company ("2nd Phase")	28,900	28,900 (100%)
7	**	Heim Bridge Bulkheading ("1st Phase")	17,000	17,000 (100%)
8	**	Heim Bridge Subsidence Remedial ("1st Phase")	32,000	32,000 (100%)
TOTALS			\$ 3,640,100	\$ 974,100

* - Subject to later determination by the State Lands Commission

** - AFE not yet assigned

NOTE:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans and/or other adequate description. (Typical "1st Phase" costs are engineering design, contract administration and advertising, preparation of site by Harbor Department forces.) For work within the same approved time period any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans, and/or other data sufficient to guide construction operations.

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,088 - Project and Estimates Submitted by
the Port of Long Beach - PIER D.

<u>ITEM</u>	<u>AFE</u>	<u>WORK PROPOSED</u>	LBHD ESTIMATED TOTAL PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960	ESTIMATED SUBSIDENCE COSTS
1	355	Pier D, Remedial Work at Bulkloader ("2nd Phase")	\$70,000	\$26,600 (38%)

Note:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans and/or other adequate description. (Typical "1st Phase" costs are engineering design, contract administration and advertising, preparation of site by Harbor Department forces.) For work within the same approved time period any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans, and/or other data sufficient to guide construction operations.

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,089 - Project and Estimates Submitted by
the Port of Long Beach, PIER E.

<u>ITEM</u>	<u>AFE</u>	<u>WORK PROPOSED</u>	<u>LBHD ESTIMATED TOTAL PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960</u>	<u>ESTIMATED SUBSIDENCE COSTS</u>
1	278	Pier E, Berths 125-127 Wharf ("2nd Phase")	\$2,936,000	\$352,320 (12%)
2	359	Pier E, Berths 118-119 Oil Terminal Facility ("2nd Phase")	\$1,530,300	\$306,060 (20%)
TOTALS			\$4,466,300	\$658,380

Note:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans and/or other adequate description. (Typical "1st Phase" costs are engineering design, contract administration and advertising, preparation of site by Harbor Department forces.) For work within the same approved time period any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans, and/or other data sufficient to guide construction operations.

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,090 - Project and Estimates Submitted by
the Port of Long Beach, PIER "F".

<u>ITEM</u>	<u>AFE</u>	<u>WORK PROPOSED</u>	LBHD ESTIMATED TOTAL PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960	ESTIMATED SUBSIDENCE COSTS
1	290	Pier F - Rockwork & Dredging Fill ("2nd Phase")	\$2,726,000	\$545,200 (20%)

Note:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans and/or other adequate description. (Typical "1st Phase" costs are engineering design, contract administration and advertising, preparation of site by Harbor Department forces.) For work within the same approved time period any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans, and/or other data sufficient to guide construction operations.

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,091 - Project and Estimates Submitted by the Port of Long Beach, PIER "G".

<u>ITEM</u>	<u>AFE</u>	<u>WORK PROPOSED</u>	LBHD ESTIMATED TOTAL PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960	ESTIMATED SUBSIDENCE COSTS
1	291	Pier G - Rockwork and Dredging Fill ("2nd Phase")	\$4,725,000	\$945,000 (20%)

Note:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans, and/or other adequate description. (Typical "1st Phase" costs are engineering design; contract administration and advertising; preparation of site by Harbor Department forces.) For work within the same approved time period any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans, and/or other data sufficient to guide construction operations.

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,093 - Project and Estimate Submitted by the
Port of Long Beach, CHANNEL 2 PROPERTIES.

<u>ITEM</u>	<u>A/E</u>	<u>WORK PROPOSED</u>	LBHD ESTIMATED TOTAL PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960	ESTIMATED SUBSIDENCE COSTS
1	324	Channel 2 Properties, Berths 83-87, Diking and Filling ("2nd Phase")	\$240,000	\$240,000 (100%)

Note:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans and/or other adequate description. (Typical "1st Phase" costs are engineering design, contract administration and advertising, preparation of site by Harbor Department forces.) For work within the same approved time period any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans, and/or other data sufficient to guide construction operations.

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,094 - Project and Estimates Submitted by the
Port of Long Beach - Subsidence Studies.

<u>ITEM</u>	<u>WORK PROPOSED</u>	<u>ESTIMATED PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960</u>	<u>ESTIMATED SUBSIDENCE COSTS</u>
1	Field Work and equipment of survey crew		
	Vertical Measurements	\$ 29,000	\$ 29,000 (100%)
	Horizontal Measurements	\$ 20,000	\$ 20,000 (100%)
2	Horizontal Movement Studies (Excluding cost of Photogram- metry)	\$ 72,000	\$ 64,800 (90%)
3	Subsidence Section	\$ 50,000	\$ 50,000 (100%)
4	Consultants & Contingencies	\$ 10,000	\$ 10,000 (100%)
5	State Lands Expense - Chapter 29	\$ 40,000	\$ 40,000 (100%)
	<u>TOTALS</u>	<u>\$221,000</u>	<u>\$211,800</u>

L.B.W.O. 10,095

EXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,095 - Project and Estimates Submitted by the
Port of Long Beach, SUBSIDENCE MAINTENANCE.

<u>ITEM</u>	<u>WORK PROPOSED</u>	<u>LEHD ESTIMATED TOTAL PROJECT EXPENDITURES JULY 1, 1959 TO JUNE 30, 1960</u>	<u>ESTIMATED SUBSIDENCE COSTS</u>
1	General Maintenance due to high tides, dike fills, sandbagging, water pumping, and utility costs.	\$ 24,000	\$ 24,000 (100%)
2	Repairs to terminal facilities damaged by subsidence.	\$ 80,000	\$ 80,000 (100%)
3	Repairs to other buildings and facilities damaged by subsidence.	\$ 40,000	\$ 40,000 (100%)
	Totals	<u>\$144,000</u>	<u>\$144,000</u>